

A circular map of the PMT1 plasmid, showing various genes and their functions. The map is divided into two main regions: the **rep region** (top half) and the **par region** (bottom half). The **rep region** contains genes such as *hypoth. regulator*, *Vdr*, *Orf33*, *Orf32*, *vasorelaxant*, *P22 nmx-like*, *HMC-like*, *recA*, *Orf25*, *DNA pol I fragment*, *pppB-1*, *laminin-like*, *RTX-like*, *crystal toxin*, *DNA pol III*, *cobS*, *cobT*, *Orf14*, *Orf13*, *integrase*, *caf1*, *caf1A*, *caf1M*, *caf1R*, *vasorelaxant*, *T3 ligase*, *IS100*, *IS100*, *Orf135*, *Ec hypoth.*, *antirestriction*, *Orf127*, *Orf126*, *Orf125*, *Orf123A*, *methylase*, *Orf122*, *Orf119*, *hypoth.*, *SamB-like*, *parB*, *parA*, *Orf112*, *Orf112A*, *resolvase*, *tnase*, *Orf109*, *endonuc-like*, *murine toxin*, *RT fragment*, *Ec hypoth.*, *Ec hypoth.*, *tnase fragment*, *tnase*, *IS285*, *Orf100*, *68uO*, *Orf95*, *Orf96*, *86uO*, *Orf91*, *IS100*, *Orf90*, *IS101*, *Orf91A*, *lambda G-like*, *lambda ORF314-like*, *lambda J-like*, *lambda K-like*, *lambda L-like*, *lambda M-like*, *lambda H-like*, *lambda V-like*, *Orf82*, *Orf81*, *Orf80*, *Orf78*, *Orf77*, *Orf76*, *L12-like*, *lambda V-like*, *hypoth. membrane*, *Orf71*, *MARCK-like*, *Orf70*, *T4 gene 17*, *Orf68*, *Orf66*, *Orf65*, *Orf64*, *Orf63*, *SpoJ-like*, *Rep-like*, *hypoth. exo*, *Orf58*, *repressor-like*, *Orf55*, *Orf54*, *Orf53*, *Orf51*, *Orf48*, *tnase*, *Orf45*, *Orf44*, *T4 exonuc.*, *Orf42*, *T4 exonuc.*, *Orf39*, *hypoth. lipoprat.*, *Orf36*, *rep*, *hypoth. regulator*, *Orf33*, *Orf32*, *vasorelaxant*, *P22 nmx-like*, *HMC-like*, *recA*, *Orf25*, *DNA pol I fragment*, *pppB-1*, *laminin-like*, *RTX-like*, *crystal toxin*, *DNA pol III*, *cobS*, *cobT*, *Orf14*, *Orf13*, *integrase*, *caf1*, *caf1A*, *caf1M*, *caf1R*, *vasorelaxant*, *T3 ligase*, *IS100*, *IS100*, *Orf135*, *Ec hypoth.*, *antirestriction*, *Orf127*, *Orf126*, *Orf125*, *Orf123A*, *methylase*, *Orf122*, *Orf119*, *hypoth.*, *SamB-like*, *parB*, *parA*, *Orf112*, *Orf112A*, *resolvase*, *tnase*, *Orf109*, *endonuc-like*, *murine toxin*, *RT fragment*, *Ec hypoth.*, *Ec hypoth.*, *tnase fragment*, *tnase*, *IS285*, *Orf100*, *68uO*, *Orf95*, *Orf96*, *86uO*, *Orf91*, *IS100*, *Orf90*, *IS101*, *Orf91A*, *lambda G-like*, *lambda ORF314-like*, *lambda J-like*, *lambda K-like*, *lambda L-like*, *lambda M-like*, *lambda H-like*, *lambda V-like*, *Orf82*, *Orf81*, *Orf80*, *Orf78*, *Orf77*, *Orf76*, *L12-like*, *lambda V-like*, *hypoth. membrane*, *Orf71*, *MARCK-like*, *Orf70*, *T4 gene 17*, *Orf68*, *Orf66*, *Orf65*, *Orf64*, *Orf63*, *SpoJ-like*, *Rep-like*, *hypoth. exo*, *Orf58*, *repressor-like*, *Orf55*, *Orf54*, *Orf53*, *Orf51*, *Orf48*, *tnase*, *Orf45*, *Orf44*, *T4 exonuc.*, *Orf42*, *T4 exonuc.*, *Orf39*, *hypoth. lipoprat.*, *Orf36*, *rep*, *hypoth. regulator*, *Orf33*, *Orf32*, *vasorelaxant*, *P22 nmx-like*, *HMC-like*, *recA*, *Orf25*, *DNA pol I fragment*, *pppB-1*, *laminin-like*, *RTX-like*, *crystal toxin*, *DNA pol III*, *cobS*, *cobT*, *Orf14*, *Orf13*, *integrase*, *caf1*, *caf1A*, *caf1M*, *caf1R*, *vasorelaxant*, *T3 ligase*, *IS100*, *IS100*, *Orf135*, *Ec hypoth.*, *antirestriction*, *Orf127*, *Orf126*, *Orf125*, *Orf123A*, *methylase*, *Orf122*, *Orf119*, *hypoth.*, *SamB-like*, *parB*, *parA*, *Orf112*, *Orf112A*, *resolvase*, *tnase*, *Orf109*, *endonuc-like*, *murine toxin*, *RT fragment*, *Ec hypoth.*, *Ec hypoth.*, *tnase fragment*, *tnase*, *IS285*, *Orf100*, *68uO*, *Orf95*, *Orf96*, *86uO*, *Orf91*, *IS100*, *Orf90*, *IS101*, *Orf91A*, *lambda G-like*, *lambda ORF314-like*, *lambda J-like*, *lambda K-like*, *lambda L-like*, *lambda M-like*, *lambda H-like*, *lambda V-like*, *Orf82*, *Orf81*, *Orf80*, *Orf78*, *Orf77*, *Orf76*, *L12-like*, *lambda V-like*, *hypoth. membrane*, *Orf71*, *MARCK-like*, *Orf70*, *T4 gene 17*, *Orf68*, *Orf66*, *Orf65*, *Orf64*, *Orf63*, *SpoJ-like*, *Rep-like*, *hypoth. exo*, *Orf58*, *repressor-like*, *Orf55*, *Orf54*, *Orf53*, *Orf51*, *Orf48*, *tnase*, *Orf45*, *Orf44*, *T4 exonuc.*, *Orf42*, *T4 exonuc.*, *Orf39*, *hypoth. lipoprat.*, *Orf36*, *rep*, *hypoth. regulator*, *Orf33*, *Orf32*, *vasorelaxant*, *P22 nmx-like*, *HMC-like*, *recA*, *Orf25*, *DNA pol I fragment*, *pppB-1*, *laminin-like*, *RTX-like*, *crystal toxin*, *DNA pol III*, *cobS*, *cobT*, *Orf14*, *Orf13*, *integrase*, *caf1*, *caf1A*, *caf1M*, *caf1R*, *vasorelaxant*, *T3 ligase*, *IS100*, *IS100*, *Orf135*, *Ec hypoth.*, *antirestriction*, *Orf127*, *Orf126*, *Orf125*, *Orf123A*, *methylase*, *Orf122*, *Orf119*, *hypoth.*, *SamB-like*, *parB*, *parA*, *Orf112*, *Orf112A*, *resolvase*, *tnase*, *Orf109*, *endonuc-like*, *murine toxin*, *RT fragment*, *Ec hypoth.*, *Ec hypoth.*, *tnase fragment*, *tnase*, *IS285*, *Orf100*, *68uO*, *Orf95*, *Orf96*, *86uO*, *Orf91*, *IS100*, *Orf90*, *IS101*, *Orf91A*, *lambda G-like*, *lambda ORF314-like*, *lambda J-like*, *lambda K-like*, *lambda L-like*, *lambda M-like*, *lambda H-like*, *lambda V-like*, *Orf82*, *Orf81*, *Orf80*, *Orf78*, *Orf77*, *Orf76*, *L12-like*, *lambda V-like*, *hypoth. membrane*, *Orf71*, *MARCK-like*, *Orf70*, *T4 gene 17*, *Or*

Fig 1

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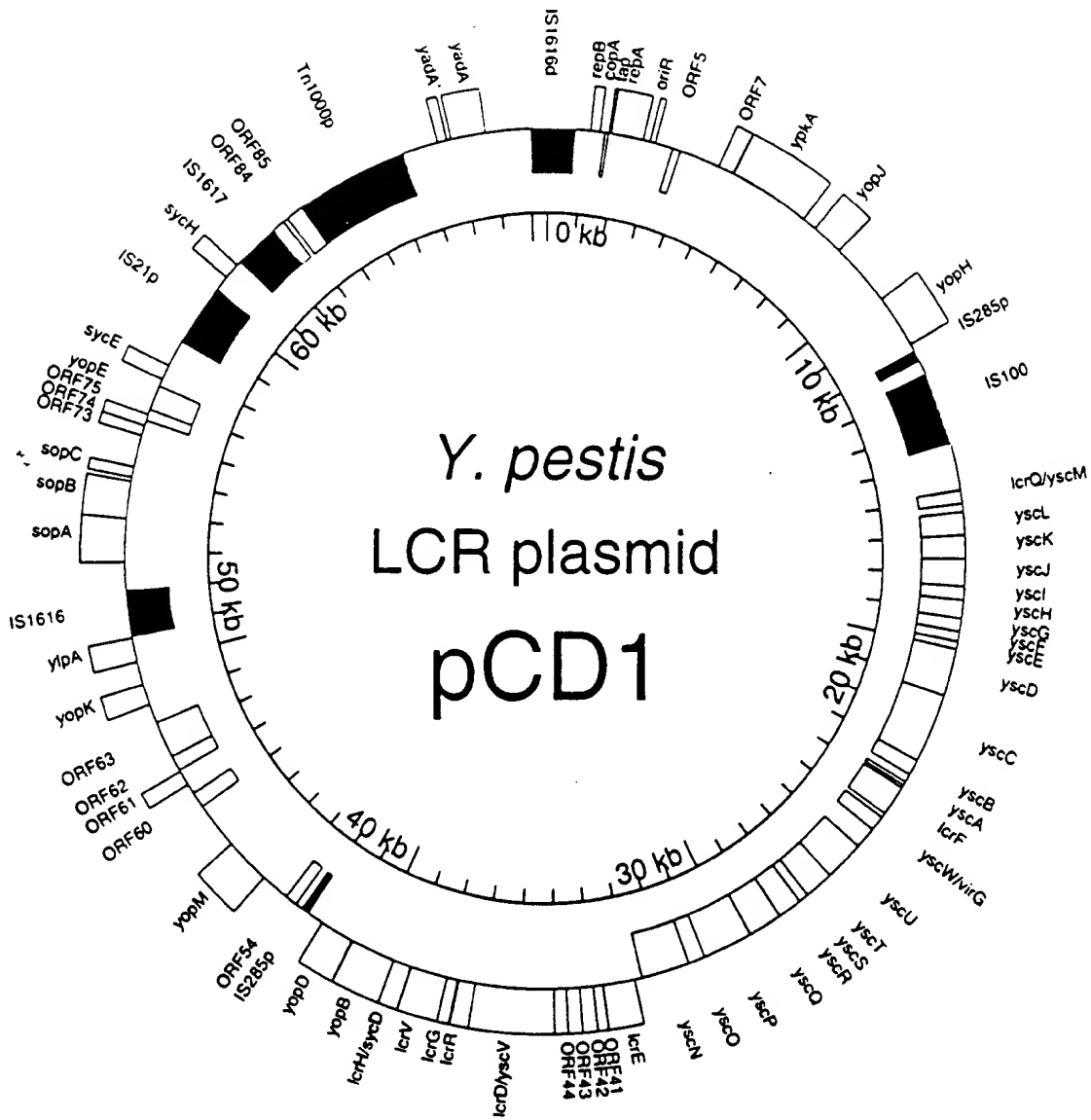


Fig 2